



SCS:kdn 01/08/04 6319-6676 216420

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Han-Ping Pu

**Application No.** 10/650,258

**Filed:** August 27, 2003

**Confirmation No.** Not yet assigned

**For:** CONNECTION BETWEEN SEMICONDUCTOR  
UNIT AND DEVICE CARRIER

**Examiner:** Not yet assigned

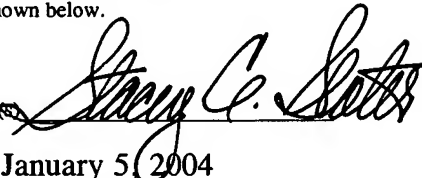
**Art Unit:** 2812

**Attorney Reference No.** 6319-66761

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)



Date Mailed January 5, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

Listed on the accompanying form PTO-1449 and enclosed herewith is Taiwanese Patent No. 366,516. Applicant respectfully requests that the document be listed as a reference cited on the issued patent.

Applicant understands Taiwanese Patent No. 366,576 to suggest "schemes of spreading a solder mask layer on a lead frame and forming openings in the solder mask layer, in order to control collapse height when bumps melt (i.e., to restrict solder flowing), so that bump collapse height may more likely be consistent after reflow soldering." This Taiwanese patent is discussed in the present application on page 2, line 14 – page 3, line 17.

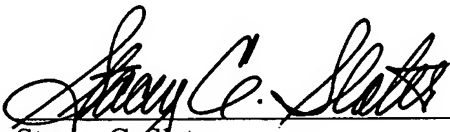
Applicant filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicant to file this IDS,

please charge any such fees to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By   
Stacey C. Slater  
Registration No. 36,011

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

<b>Attorney Docket Number</b>	6319-66761
<b>Application Number</b>	10/650,258
<b>Filing Date</b>	August 27, 2003
<b>First Named Inventor</b>	Han-Ping Pu
<b>Art Unit</b>	2812
<b>Examiner Name</b>	Not yet assigned

## **U.S. PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Number	Date	Name

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
		366,576	8/1999	TW

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS

**EXAMINER  
SIGNATURE:**

**DATE  
CONSIDERED:**

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.